

Additional New Amendments:

In the Title:

The Title, appearing at page 1, line 1 of the specification, has been deleted in its entirety and replaced with the following:

METHODS OF SCREENING FOR ANTAGONISTS AND AGONISTS OF
POLYPEPTIDES HAVING KINASE FUNCTIONS

In the Specification:

At page 1, the paragraph at lines 7-11 (entitled "CROSS-REFERENCE TO RELATED APPLICATIONS") has been deleted in its entirety and replaced with the following paragraph:

This application is a divisional of U.S. Serial No. 09/509,902, having a filing date under 35 U.S.C. § 102 (e) of June 23, 2000; which is a national application under 35 U.S.C. § 371 of International Application No. PCT/US99/17630, having an international filing date of 03 August 1999 and published in English on February 17, 2000; which claims the priority of provisional applications U.S. Serial No. 60/095,270, filed 04 August 1998, and U.S. Serial No. 60/099,972, filed 11 September 1998; all of which are incorporated by reference herein.

In the Claims

Claims 37-38, 41-44, 47-49, and 56-70 (pending in prior application 09/509,902) have been canceled and replaced with the following new claims 71-100:

71 (NEW). A method of screening a candidate molecule to identify its ability to inhibit (antagonize) or agonize a recombinant polypeptide encoded by a nucleic acid molecule comprising the sequence of SEQ ID NO:5 or of SEQ ID NO:13, said method comprising the steps of:

- (a) adding the candidate molecule to a medium which contains the polypeptide;
- (b) determining the level of a biological activity in the medium; and